

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD—
CENTRAL VALLEY REGION**

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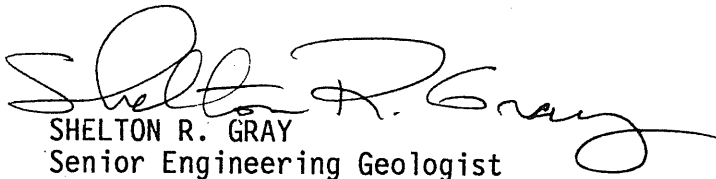
11 February 1992

**INSPECTION REPORTS - RACE TRACK AND FEE 34 FACILITIES - EDISON OIL FIELD AREA,
KERN COUNTY**

Enclosed is a copy of an inspection report covering a recent inspection of your Race Track and Fee 34 disposal facilities in Edison oil field area of Kern County. You will receive the analytical results of wastewater samples when they become available. No violations of your current waste discharge requirements were noted during the inspection.

Your Race Track facility is currently regulated by Resolution No. 58-349, adopted 18 September 1958. On 15 July 1975, the Board adopted a "Water Quality Control Plan" for the Tulare Lake Basin (5D). This plan is used to establish water quality standards and serves as a guide in developing and updating waste discharge requirements. Your requirements are outdated and are not consistent with the Basin Plan.

We understand you are in the process of submitting a ROWD application and technical report for the Fee 34 facility. Staff is preparing draft waste discharge requirements for all facilities in the Edison oil field that implement current regulations, plans and policies for our Board's consideration. If you have any questions, please call Mike Rogers of this office at (209) 445-6191.


SHELTON R. GRAY
Senior Engineering Geologist

MTR:mtr/cjs

Enclosure

cc: Mr. Steve McCalley, Kern County Health Department, Bakersfield

OFFICE NO: 5F
INSPECTOR: MTR

ACILITIES INSPECTION REPORT
SWRCB 001 (REV. 5-91)

PCA System Task No. 1

<u>5D152013013</u> WDS NUMBER	<u>Valley Waste Disposal Company</u> NAME OF AGENCY OR PARTY RESPONSIBLE FOR DISCHARGE	<u>Edison, Race Track</u> <u>A</u> NAME OF FACILITY
<u>NPDES NUMBER</u>	<u>AGENCY STREET</u>	<u>FACILITY STREET</u>
<u>(YY) (MM) (TYPE)</u> SCHEDULED INSPECTION DATA	<u>AGENCY CITY AND STATE</u>	<u>FACILITY CITY AND STATE</u>
<u>920127</u> (YY MM DD) ACTUAL INSPECTION DATE	<u>AGENCY CONTACT PERSON</u>	<u>ONSITE FACILITY CONTACT PERSON</u>
	<u>AGENCY PHONE NO.</u>	<u>FACILITY PHONE NO.</u>

S Inspection Agency (State = S, State/EPA Joint = J)

N Is this a type "A1" or "B1" Compliance Inspection of an NPDES facility as required by the section 106 grant workplan? (Y/N)
If so, send a copy of this report to EPA

INSPECTION TYPE (Check One)

- A1 X "A" type compliance -- Comprehensive inspection in which samples are taken. (EPA Type S)
- B1 "B" type compliance -- A routine nonsampling inspection. (EPA Type C)
- 02 Noncompliance follow-up -- Inspection made to verify correction of a previously identified violation.
- 03 Enforcement follow-up -- Inspection made to verify that conditions of an enforcement action are being met.
- 04 Complaint -- Inspection made in response to a complaint.
- 05 Pre-requirement -- Inspection made to gather info. relative to preparing, modifying, or rescinding requirements.
- 06 Miscellaneous -- Any inspection type not mentioned above.
- (Type) If this is an EPA inspection not mentioned above, please note type.
(e.g. -- biomonitoring, performance audit, diagnostic, etc.)

- N Were VIOLATIONS noted during this inspection? (Yes/No/Pending Sample Results)
- N Was this a Quality Assurance-Based Inspection? (Y/N)
- N Were bioassay samples taken? (N = No) If YES, then S = Static or F = Flowthrough.

INSPECTION SUMMARY (REQUIRED) (100 character limit)

No violations. WDRs need to be updated. See Attachment.

INSPECTOR'S DATA:

INITIALS MTR SIGNATURE _____ DATE _____

For Internal Use: Reviewed by: (1) SRE (2) _____ (3) _____
Reg. WDS Coordinator

WDS Data Entry _____

Regional Board File Number: _____

INSPECTION OF VALLEY WASTE DISPOSAL COMPANY - RACE TRACK FACILITY - EDISON OIL FIELD AREA, KERN COUNTY

INTRODUCTION

An inspection of this facility was performed on 27 January 1992. I was accompanied by Larry Bright of Valley Waste Disposal Company.

The Race Track facility is located in Section 24, T29S, R29E, MDB&M, in the Edison Oil Field area of Kern County. The facility consists of three oil/water separation sumps and 24 unlined evaporation/percolation sumps used to dispose of oil production wastewater. The facility is regulated by Resolution No. 58-349 which does not contain any monitoring requirements.

Oil field produced water is transported to this facility via pipeline. Water is pumped to the top of a hill where treatment sumps A,B, and C are located. Residual oil and grease separates and is skimmed using vacuum trucks. The wastewater is then routed to evaporation/percolation sumps in either the North, Central, or South Canyon areas of the facility by gravity flow. Each area contains a series of sumps which are separated by earthen berms and hydraulically connected by pipes. Wastewater flows either directly from the separation sumps to any individual sump, or from the adjacent upstream sump to a downstream sump.

The discharger submitted a technical report and a completed Report of Waste Discharge application for the facility on 21 June 1991, in response to the Board Staff's 3 April 1991 request for technical report and application.

INSPECTION

Separation sumps A,B, and C were in use at the time of the inspection. There was no visible oil and grease on the surface of the sumps.

Disposal sumps were in use at the North, Central, and South Canyon areas. The sumps were free of visible oil and grease. Adequate freeboard (2 feet minimum) was being maintained in these sumps.

A wastewater sample was taken at the inlet to the facility (Sump A). A field EC measurement indicated an electrical conductance of 5,200 umhos/cm. The sample was submitted to the laboratory for analyses of total dissolved solids, boron, chloride, and selenium concentrations. Analytical results have not yet been received. Photos were taken to document site conditions at the time of the inspection.

CONCLUSIONS AND RECOMMENDATIONS

1. No violations of the current waste discharge requirements were noted.
2. Waste discharge requirements are outdated and inconsistent with the Basin Plan. Staff is currently in the process of updating waste discharge requirements in the Edison oil field. Updated requirements need to include monitoring and reporting requirements.

INSPECTION - VALLEY WASTE DISPOSAL COMPANY - FEE 34 FACILITY - EDISON OIL FIELD, KERN COUNTY

INTRODUCTION

An inspection of this facility was performed on 27 January 1992. I was accompanied by Larry Bright of Valley Waste Disposal Company.

The Fee 34 facility is located in the Edison oil field, Kern County, SW 1/4 of the SW 1/4 of Section 34, T30S, R29E, MDB&M. The waste discharge facility consists of six surface impoundments used for separation of crude oil and temporary storage of wastewater. Wastewater is transported to the facility by pipeline from various oil leases throughout the Edison oil field. Wastewater is separated from crude oil at the primary separation sump. The crude oil is stored in two oil recovery sumps until it is shipped offsite. The treated wastewater is stored in two gunite-lined surface impoundments and is eventually pumped via pipeline to the Race Track facility for disposal.

Operations at this facility are currently not regulated by waste discharge requirements. We requested a ROWD application and technical report for this facility on 4 December 1991.

INSPECTION

The facility is located in a vineyard area, adjacent to the No. 18 oil well, as shown on the 1991 Munger oil map. At the time of the inspection, wastewater was discharging to the impoundments from the Valley Waste pipeline. The entire facility is enclosed within a chain-link fence. A wastewater sample was taken at the inlet to the storage impoundment and submitted to the lab for analyses of Total Dissolved Solids, boron, chloride, and selenium concentrations. A field measurement indicated the wastewater has an electrical conductivity of 5,200 umhos/cm. All impoundments which contain crude oil on the surface of the wastewater had appropriate netting to protect wildlife.

The following observations were made during the inspection:

APPROXIMATE DIMENSIONS	CONTENTS	NETTED	LINER
120 X 180	Wastewater	No	Concrete
90 X 120	Dry	No	None
50 X 30	Wastewater/Oil	Yes	None
50 X 90	Wastewater/Oil	Yes	None
50 X 120	Wastewater	No	Concrete
50 X 120	Wastewater	No	Concrete

SUMMARY

1. In accordance with Section 13260 of the Water Code, the Discharger is in the process of preparing a ROWD application for this facility.
2. The Tulare Lake Basin Plan (5D) states that discharge of oil production wastewater to surface impoundments overlying good quality groundwater shall have an EC not greater than 1000 umhos/cm, a chloride concentration not greater than 200 mg/l, and a boron concentration of no more than 1.0 mg/l. An EC measurement taken during the inspection indicates the discharge exceeds the numerical water quality objectives of the Basin Plan.
3. Staff needs to review the ROWD application and technical report.